

BARON, L.I.; BOBLIKOV, V.S.

Effect of temperature on rock resistivity to mechanical breaking.  
Fiz. mekh. svois., dav. i razr. gor. porod. no.2:3-10 '63.(MIRA 17:1)



BOBLOWSKI, W.; KOSSAKOWSKA-SUCH, J.

Exactness of rounding degree measurements of rock grains. Biuletyn  
Geolog 1 no.1:138-147 '61.

1. Chair of Geology and Economics of Deposits, University, Warsaw.

BOBNAR, Juraj, inz.

Some experience in drillability of magnesite. Geol pruzkum  
6 no.11:341-342 N '64.

1. Geologicky prieskum National Enterprise, Zilina, Branch  
Roznava.

BOBNEV, A.

In productive work. Prof.-tekh. obr. 18 no.2:9-10 F '61. (MIRA 14:3)

1. Nachal'nik Vostochno-Kazakhstanskogo oblastnogo upravleniya  
professional'no-tehnicheskogo obrazovaniya.  
(Kazakhstan—Vocational education)

BOBNEV, K., general-mayor inzhenernykh voysk; MOLZINSKIY, V., podpolkovnik

Engineer training of small units of the branches of the army. Voen.  
vest 42 no.2:62-64 F '63. (MIRA 17:2)

BOBNEV, K., general-major inzhenernykh voysk; MOLZINSKIY, V., podpolkovnik

Overcoming swampy areas. Voen. vest 43 no.1:89-91 Ja '64. (MIRA 17:1)

BOBNEV, M., inzh.-podpolkovnik, kand.tekhn.nauk

"Radiotelemetering" by F.I. Barsukov, M.V. Maksimov. Reviewed by  
M. Bobnev. Av.i kosm. 45 no.2:87-88 P '63. (MIRA 16:2)  
(Aerospace—Telemetry)  
(Barsukov, F.I.) (Maksimov, M.V.)

I 10498-53 EWT(1)/BDS/KEC-2/EED-2/EEO-2--AFFTC/APGC/ASD--TF  
ACCESSION NR: AP3000436 S/0108/63/018/005/0059/0065

AUTHOR: Bobnev, M. P. 60

TITLE: Evaluation of noise immunity of pulse radio rangefinder (D)

SOURCE: Radiotekhnika, v. 18, no. 5, 1963, 59-65

TOPIC TAGS: radar rangefinder, noise, lock-on probability

ABSTRACT: The capacity of a pulsed automatic radio range finder to lock on a genuine target signal against a noise background and the probability of a false lock on noise alone are the subjects of a theoretical investigation. A typical mode switch circuit is assumed in which the selected range interval is searched by a range gate, after which a sufficient cumulative level of gated return signal trips the acquisition circuit. In this example RC signal integration is assumed with mode switching accomplished by the throwing of a plate relay. Considering relay switch time as instantaneous, the circuit is inertialess. Based on these assumptions, the probability of false acquisition due to noise is reduced to the probability of one noise overshoot in excess of threshold occurring between zero time and the time at which the gate arrives at a

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L 10498-63  
ACCESSION NR: AP3000436

legitimate target. This is expressed as a probability density of intervals between such overshoots and is reduced to a simplified form by assuming that the noise distribution in question is normal. This method was found accurate within 10--15% for all practical values of circuit parameters. A similar expression is developed for the probability of locking on a genuine target. Allowing for their simplifying assumptions, the relationships obtained can be useful in evaluating some fundamental characteristics of range finder noise immunity and acquisition capability. Orig. art. has: 4 figures and 35 formulas.

ASSOCIATION: none

SUBMITTED: 07Dec61

DATE ACQ: 10Jun63

ENCL: 00

SUB CODE: 8D

NO REF SOV: 00L

OTHER: 00L

ss/100  
Card 2/2

BUCHINSKIY, Ivan Yevstaf'yevich, kand. geogr. nauk; BOBNEVA, N.P.,  
red.; NAZAROVA, A.S., tekhn. red.

[Does the climate change?] Meniaetsia li klimat? Moskva,  
Izd-vo "Znanie," 1963. 38 p. (Novoe v zhizni, nauke,  
tekhnike. XII Seria: Geologiya i geografiya, no.23)  
(MIRA 17:1)

FRAYMNA, R.S.; GEL'PERIN, E.N.; BOBNEVA, A.A.

Multizonal apparatus for carrying out processes in a fluidized  
bed. Khim.prom. no.11:827-830 N '62. (MIRA 16:2)  
(Fluidization--Equipment and supplies)

BOBNEVA, M.

Color and vision. Radio no.3:40-43 Mr '60.  
(Color television)

(MIRA 13:6)

PLATONOV, K., prof.; BOBNEVA, M.

Discussion on engineering: Engineering psychology. Tekh. mol.  
31 no.6:5-7 '63. (MIRA 16:7)

(Human engineering)

BOBNEVA, N.I.

Use of the information theory in the solution of some problems of  
aviation psychology. Vop.psikhol. 5 no.4:175-182 J1-Ag '59.

(MIRA 12:11)

1. Kafedra psikhologii Moskovskogo gosuniversiteta.  
(Information theory in psychology)  
(Aeronautics--Psychology)

S/245/62/000/006/004/006  
D222/D307

AUTHORS: Napalkov, A. V. and Bobneva, M. I. (Moscow)

TITLE: An analysis of information processing in the human brain

PERIODICAL: Voprosy psikhologii, no. 6, 1962, 40-54

TEXT: A theoretical analysis of the information processes underlying the learning of systems of conditioned reactions is given, based on earlier experiments. The equipment used in the experiments consists of a control panel with a number of switches and push-buttons, and a display panel with devices for visual and auditory signals. The control sequence between the switches and the display can be preset by the experimenter so that the subject must go through a definite sequence of actions to achieve a goal. The learning of chains of conditioned reflexes was studied in several series of experiments in which the casual relationships between the subject's actions and the events in the environment were progressively made to resemble natural conditions. The modifications of behavior

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An analysis of ...

S/245/62/000/006/004/006  
D222/D307

under the progressively more difficult conditions are outlined, in particular the utilization of random search procedures and the elimination of incorrect sequences which do not lead to the goal. The analysis of these experiments is carried out at the 'information processing level' and is claimed to be a further development of Pavlovian theory. There are 32 references: 20 Soviet-bloc and 12 non-Soviet-bloc.

Card 2/2

BOBNEVA, M.I. (Moskva)

Some directions in the study of "man-machine" systems in the  
U.S.A. Vop. psikhol. 8 no.3:177-184 My-Je '62. (MIRA 15:6)  
(Psychology, Industrial) (Information theory in psychology)

BOBNEVA, M.I. (Moskva)

Psychological aspects of the reliable work of man in space  
flight. Vop.psikhol. 9 no.2:173-180 Mar-Apr '63. (MIRA 16:4)  
(Astronautics--Psychology)

BOENEVA, M.I.

Heuristic programs, "labyrinths" and some problems of psychology.  
Vop. psikhol. no.5:133-141 S-0 '64 (MIRA 18:1)

1. Sektor psikhologii Instituta filosofii AN SSSR, Moskva.

BOBNEVA, N.

They obtained a prize. IUn.nat. no.10:13-14 0 '57. (MIRA 10:9)  
(Altai Territory--School gardens)

BOBNEVA, N. (Gorno-Altayskaya avtonomanaya oblast').

Conversation in a garden. IUn.nat. no.7:22-23 J1 '57. (MLRA 10:8)  
(Gorno-Altai Autonomous Province--School gardens)

BOBNEVA, N.

This is our recreation; a sketch. IUn.nat. no.6:20-21 Je '57.  
(MIRA 10:?)

(Camps) (Agriculture--Study and teaching)

BOBNEVA, N.

Collective farm of heroes. IUn. nat. no.11:22-25 N '58.

(MIRA 11:12)

(Vyatka Valley--Collective farms)

BOBNEVA, N.

Sea buckthorn as a domestic berry. IUn.nat. no.2:32-33 F '59.  
(MIRA 12:1)

(Buckthorn)

BOBNEVA, N.

School group members visit a member of the Academy. IUn.nat.  
no.3:4-7 '59. (MIRA 12:4)

(Agriculture)

BOBNEVA, H.

On the shore of a forest lake. IUn.nat. no.6:1-3 Je '59.  
(MIRA 12:8)

(Nature study)

BOBNEVA, N.

On the banks of the Oka River. IUn. nat. no.11:14-20 N '59.  
(MIRA 13:2)  
(Yushta--Stock and stockbreeding--Study and teaching)

BOENEVA, N.

Man adorns the place. IUn. nat. no.12:19-21 D '59 (MIRA 13:3)

1. Kolkhoz imeni Lenina, Gulistanskiy rayon, Tashkentskaya oblast'.  
(Uzbekistan--Cotton growing)

BOBNEVA, H. (Rostov)

At the Dachnyy settlement. IUn.nat. no.8:4-6 Ag '60.  
(MIRA 13:8)  
(Rostov Province--Agriculture--Study and teaching)

BOBNEVA, N.

With instructions from the district committee of the party. IUn.  
nat. no.7:16-17 JI '60. (MIRA 13:8)  
(Ufa Valley—Reclamation of land)

BOBNEVA, N.

They came to Moscow. IUn,nat. no.10:4-12 0 '60. (MIRA 14:4)  
(Pioneers (Communist youth))

BOBNEVA, N.; CHASHCHARIN, B.

Forest in the Zhiguli Mountains. IUn. nat. no.9:5-9 S '61.  
(MIRA 14:8)

1. 48-ya vos'miletnyaya shkola, Kuybyshev.  
(Nature study)

BOBNEVA, Nadezhda; CHASUCHARIN, Boris

Mysteries of Charokayka. IUn. nat. no.4:9-11 Ap '63.

(MIRA 16:7)

(Zhiguli Mountain Region--Water, Underground)

LYSENKO, Trofim Denisovich; BOBNEVA, N.; ALEKSEYEV, B.

Academician talks with field crew leaders. Un. nat. no.6:  
13-16 Je '63. (MIRA 16:8)

IVANOVA, A.M.: YELAGIN, V.D., redaktor ; BOBNEVA, N.P., redaktor;  
MUKHINA, T.N., tekhnicheskii redaktor.

[Teaching zoology in schools for working youth] Prepodavanie zoolo-  
logii v shkolakh rabochei molodezhi; metodicheskoe posobie dlia  
uchitelei. Moskva, Izd-vo Akademii pedagog. nauk RSFSR, 1955.  
154 p. (MLRA 8:8)

(Zoology--Study and teaching)

SUKHOV, Vladimir Ivanovich, doktor tekhn. nauk; BOBNEVA, N.P.,  
red.; RAKITIN, I.T., tekhn. red.

[Present-day aerial cartography] Aerokartografiia na-  
shikh dnei. Moskva, Izd-vo "Znanie," 1963. 44 p. (Novoe  
v zhizni, nauke, tekhnike. XII Seria: Geologiya i geogra-  
fiia, no.24) (MIRA 17:1)

GAR, Konstantin Arkad'yevich; BOBNEVA, N.P., red.; ZOTOVA, L.A.,  
red.

[Chemistry protects crops] Khimiia zashchishchaet uro-  
zhai. Moskva, Izd-vo "Znanie," 1964. 27 p. (Novoe v  
zhizni, nauke, tekhnike. V Serii: Sel'skoe khoziaistvo,  
no.12) (MIRA 17:7)

SLAPCIU, G., ing.; BOBOC, D., ing.

Organization of the metrological activity at the "Electromagnetica"  
works. Metrologia apl 11 no. 6:268-274 Je '64.

BOBOC, D., ing.; SLAPCIU, Gh., ing.

Methods for the internal checking of electronic voltmeters.  
Metrologia apl 11 no. 10:467-469 0 '64.

BOBOC, Gh., dr.; BOBOC, Olga, dr.

The management of progenia in adults by orthodonto-orthopaedic means. Stomatologia (Bucur) 12 no.2:149-161 Mr-Ap'65.

1. Lucrare efectuata in Clinica de stomatologie infantila (seful clinicii: conf. P. Firu) si Clinica de stomatologie ortopedica, Institutul medico-farmaceutic, Bucuresti (seful clinicii: prof. E. Costa).

150605, N

Mate

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Zaidman, S.; et Boboc, N. L'unicité du problème de Dirichlet pour des équations de type elliptique. Acad. R. P. Romine. Bul. Sti. Secj. Sti. Mat. Fiz. 6 (1954), 839-846. (Romanian. Russian and French summaries)

The authors claim to prove the following statement:  $u \equiv 0$  is the only solution with zero boundary values of the equation  $\Delta u + A(x, y)u = 0$  in a simply connected domain  $\mathcal{D}$ , provided that the boundary may be expressed, in polar coordinates, by an equation  $r = r(\theta)$ , with  $r(\theta)$  continuously differentiable, and provided that  $(\text{Area } \mathcal{D}) \cdot \iint A^2 dx dy \leq 1$ . This statement is an analogue of a one-dimensional result due to G. Borg [Amer. J. Math. 71 (1949), 67-70; MR 10, 456]. The proof however appears to be incorrect (the last inequality on p. 842 is false).

L. Nirenberg (New York, N.Y.).

F/W

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*Boboc, N.*

Boboc, N. Sur un théorème de type Sturm et application  
au problème de la séparation des zéros des fonctions  
propres de l'opérateur. I. Acad. Roum. Sci. Sect. Sci. Mat. Fiz. 7 (1956) 721-728.  
Russian and French summaries.

1-578

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Consider the membrane eigenvalue problem  $\Delta u + \lambda u = 0$  in a plane domain  $D$  subject to the boundary condition  $u = 0$  on the boundary  $\partial D$ . Let  $\lambda_1 < \lambda_2 < \dots$  denote the eigenvalues and  $\varphi_1, \varphi_2, \dots$  the corresponding eigenfunctions. (Petrovskii, Lectures on partial differential equations, Gosstatizdat, Moscow, 1956, MR 13, 24, 1957.) In this situation the author obtains the following theorem: Theorem 1. If  $\lambda < \lambda_1$ , then the zeros of  $\varphi_1$  separate the zeros of  $\varphi_2$ . Theorem 2. The zeros of the independent eigenfunctions corresponding to a (multiple) eigenvalue separate each other.

J. B. Dwyer, College Park, Md.

*RDW*

ROFOC, N.; RADU, N.

A class of functions defined on triangularable-topologic varieties; joint measure; joint functions of Green. In French. p. 325.

REVUE DE MATHÉMATIQUES PURES ET APPLIQUÉES. JOURNAL OF PURE AND APPLIED MATHEMATICS. (Academia Republicii populare Romine) Bucaresti. Rumania. Vol. 3, no. 2, 1958.

Monthly List of East European Accessions (EEAI) LC Vol. 9, No. 2, Jan. 1960  
Uncl.

MOCANU, Gh.; BOBOC, N.

On the Men'shov properties (N). Comunicarile AR 11 no.7:749-753 '61.

1. Comunicare prezentata de academician S. Stoilow [deceased].

BOBOC, N.

On the invariance of the affiliation points of an ensemble through the quasi-conformal representations. Comunicarile AR 12 no.2:163-165 F '62.

1. Comunicare prezentata de academician M. Nicolescu.

BOBOC, N.; CONSTANTINESCU, C.; CORNEA, A.

"Lectures on potential theory" by M. Brelot. Reviewed by  
N. Boboc, C. Constantinescu, A. Cornea. Rev math pures 8  
no.1:211 '63.

BOBOC, N.; MOCANU, G. (Bucuresti)

On the notion of harmonic metrics on a hyperbolic  
Riemann surface. Bull math Rum 4 no.1/2:3-21 '61.

1. Submitted December 1, 1962.

BOBOC, N.; SIRETCHI, Gh. (Bucuresti)

On the compaction of a topologic space. Bull math Rum 5 no.3/4:155-  
165 '61[publ. '64].

1. Submitted November 15, 1962.

BOBOC, Gh., dr.; BOBOC, Olga, dr.

The management of progenia in adults by orthodonto-orthopaedic means. Stomatologia (Bucur) 12 no.2:149-161 Mr-Apr'65.

1. Lucrare efectuata in Clinica de stomatologie infantila (seful clinicii: conf. P. Firu) si Clinica de stomatologie ortopedica, Institutul medico-farmaceutic, Bucuresti (seful clinicii: prof. E. Costa).

I. 34542-66

ACC NR: AP6024784

SOURCE CODE: RU/0005/65/000/008/0293/0300

AUTHOR: Boboc, Petru (Engineer)

ORG: none

TITLE: Automatic telephone switching system 'Crossbar Pentaconta 1000'

SOURCE: Telecomunicatii, no. 8, 1965, 293-300

TOPIC TAGS: telephone system, telephone equipment

ABSTRACT: A description of the switching units in the automatic telephone exchange system recently adopted by the Rumanian telephone system. The equipment is supplied by the Belgian Bell Telephone Company. Orig. art. has: 10 figures. [Based on author's Eng. abst.] [JPRS]

SUB CODE: 17 / SUBM DATE: none / ORIG REF: 001 / OTH REF: 002

Card 1/1 *dy*

UDC: 621.395.344.6

*0915*

*2620*

L 31057-66 FSS-2

ACC NR: AP6022608

SOURCE CODE: RU/0005/65/000/010/0390/0396

AUTHOR: Boboc, Petru (Engineer)

ORG: none

37  
B

TITLE: 'Crossbar Pentaconta 1000' automatic telephone switching system. Part II.

SOURCE: Telecomunicatii, no. 10, 1965, 390-396, 405

TOPIC TAGS: telephone system, telephone equipment, control panel, electric distribution equipment, power supply, automation equipment

ABSTRACT: A detailed description of the design and operation of the recently installed "Crossbar Pentaconta 1000" automatic telephone switching system. The principal components of the system, the control organs, selection elements, power supply, distribution system and control panel are examined individually, and the over-all characteristics of the system are detailed.

Orig. art. has: 10 figures. [JPRS]

SUB CODE: 17, 09 / SUBM DATE: none / ORIG REF: 001 / OTH REF: 001

Card 1/1 cc

UDC: 621.395.344.6

0915

0629

BOBODZHANOV, B.Ye.; SMYSHLYAYEV, L.M.; PANOV, V.A.

Covering the take-up rollers of looms with all-metal fillet cards.  
Tekst.prom. 25 no.2:56-57 F '65. (MIRA 18:4)

1. Nachal'nik remontno-montazhnogo otdela pryadil'nogo proizvodstva No.3 Khersonskogo khlopchatobumazhnogo kombinata (for Bobodzhanov).
2. Starshiye мастера remontno-montazhnogo otdela pryadil'nogo proizvodstva No.3 Khersonskogo khlopchatobumazhnogo kombinata (for Smyshlyayev, Panov).

L 4491-00 EWT(m)/FCC/T IJP(c)

ACC NR: AP5024658

SOURCE CODE: UR/0048/65/029/009/1772/1773

AUTHOR: Bobodzhanov, I.B.; Ivanenko, V.M.; Kashkarov, L.L.; Cherdyntsev, Y.V.

ORG: Physicotechnical Institute im. S.U.Umarov, Academy of Sciences, TadzhSSR  
(Fiziko-tekhnicheskiy institut Akademii nauk TadzhSSR); Tadzhik State University im.  
V.I.Lenin (Tadzhiskiy gosudarstvennyy universitet)

TITLE: Asymmetry of neutrons emitted by nuclei with different spins consequent to  
absorption of negative cosmic ray muons /Report, All-Union Conference on Cosmic Ray  
Physics held at Apatity 24-31 1964/ 79

SOURCE: AN SSSR. Izvestiya. Seriya fizicheskaya, v. 29, no. 9, 1965, 1772-1773

TOPIC TAGS: secondary cosmic ray, muon, particle polarization, nuclear reaction,  
neutron

ABSTRACT: The anisotropy of neutrons emitted by Pb, Bi, Cu, and Fe targets under  $10^3$  g/cm<sup>2</sup> of earth at Pamir (3860 m above sea level) consequent to absorption of negative cosmic ray muons was determined by a technique that has been described elsewhere by the authors and D.K.Ryazanov (Izv. geolog., Khim. i tekhn. nauk AN TadzhSSR, vyp. 1 (10), 9 (1963)). Correction was made for evaporation of neutrons from the paraffin moderator, for absorption of background neutrons in the target, and for geometric factors. Anisotropy of the emitted neutrons is due entirely to the polarization retained by the muons after absorption into K orbits. It was anticipated that the depolariza-

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L 4491-66

ACC NR: AP5024858

tion on absorption in the Bi and Cu (spins  $9/2$  and  $3/2$ ) targets would be greater than that on absorption in the Pb and Fe (spin 0) targets, owing to spin-spin interaction. No neutron anisotropy greater than the experimental error was observed with the Bi and Cu targets, and definite and approximately equal anisotropies were observed with the Pb and Fe targets. It is concluded that the depolarization of negative muons on absorption in Pb and Fe is about two times less than predicted by A.Ye. Ignatenko et al. (Zh. eksperim. i teor. fiz., 35, 894 (1958)) and that negative muons are practically completely depolarized on absorption in Bi and Cu. Orig. art. has: 3 formulas and 1 table.

SUB CODE: NP/ SUBM DATE: 00/ ORIG REF: 012/ OTH REF: 001

OC  
Card 2/2

BOBODZHANOV, Yu.B.

Hemopoietins under high-mountain conditions. Trudy Tadzh. med.  
inst. 62:51-53 '63. (MIRA 17:12)

1. Tadzhikskiy meditsinskiy institut imeni Abuali ibni Sino,  
Dushanbe.

BOBODZHANOV, Yu.R.

State of the erythrocytes in native inhabitants at various heights  
in the Pamirs. Zdrav.Tadzh. 9 no.3:36-39 My-Je '62. (MIRA 15:8)

1. Iz Pamirskoy vysokogornoy meditsinskoy ekspeditsii (nauchnyy  
rukovoditel - zasluzhennyy d'yatel' nauki, prof. I.B.Likhtsiyer).  
(ERYTHROCYTES) (PAMIRS--ALTITUDE, INFLUENCE OF)

BOBDEHANOV, Yu.R.

Changes in the erythrocytes in healthy persons during the process of adaptation to high-mountain conditions. Nauch.trudy Riaz.med. inst. 18 no.2:154-162 '64. (MIRA 19:1)

1. Kafedra fakul'tetskoy terapii (zav. - zasluzhennyi deyatel' nauki prof. I.B.Likhtsiyer) Ryazanskogo meditsinskogo instituta.

BOBODZHONOV, N.; KHASANOV, A., otv.red.; BATUROVA, L., red.; POLTORAK, I.,  
tekh.red.

[Stalinabad in the seven-year plan] Stalinabad v semiletke.  
Stalinabad, Tadzhikgosizdat, 1959. 76 p.

(MIRA 13:7)

(Stalinabad--Economic policy)

BOBOESCU, N.

Influence of flux transversal substance on the heat changing between two fluids, in case of surface separation in semipermeable phases.  
Studii tehn Timisoara 10 no.1:139-148 Ja-Je '63.

BOBOESCU, N., ing.

Determining work characteristics of single-seat valves with  
a nozzle for steam turbines. Energetica Rum 11 no.11:561-567  
N '63.

BOBOESCU, N.; CETA, G.; COJEREANU, P.; LEMNEANU, N.

Experimental studies on the characteristics of power in  
the single seat valve with diffuser. Bul St si Tehn Tim  
8 no.1:95-104 Ja-Je '63.

BOBOESCU, N.

Influence of inert substance concentration in a binary mixture  
on the exchange of heat and substance. Bul St si Tehn Tim 9  
no.1:75-84 Ja-Je '64.

1. Submitted March 23, 1964.

UNGUREANU, G.; THEIL, H.; BOBOESCU, N.

Nomograms for reckoning pneumatic burners with low pressure  
air. Bul St si Tehn Tim 9 no.1:143-152 Jan-Je '64.

1. Submitted April 26, 1964.

BOBOESCU, N.; BALOI, A.; BOZAN, G.; IONESCU, N.

On the reduction of losses of pressure in the valves of steam turbines. Bul St si Tehn Tim 9 no.2:377-387 J1-D '64.

1. Submitted April 26, 1964.

I 36009-56 EWP(f)/T-2 NW

ACC NR: AP6027334

SOURCE CODE: RU/0018/66/000/001/0024/0028

AUTHOR: Boboescu, Nicolae; Bozan, Gheorghe; Negrea, Virgil

ORG: none

TITLE: Determination of the force characteristics of one-seat adjusting valves with nozzles in steam turbines

SOURCE: Constructia de masini, no. 1, 1966, 24-28

TOPIC TAGS: steam turbine, valve, turbine design

ABSTRACT: A report on the deviations from theoretically calculated values of the experimentally determined real forces in a number of one-seat valve types used in steam turbines. On the basis of the results, the authors offer some suggestions as to the choice of types and dimensions so as to obtain real forces which are larger than the theoretical ones. Orig. art. has: 8 figures and 4 formulas. [Based on authors' Eng. abst.] [JPRS: 36,559]

SUB CODE: 13 / SUBM DATE: none / ORIG REF: 001 / SOV REF: 001

Card 1/1 *ell*

UDC: 621.165-383.3

NANU, I.; BOBOESCU, Virginia

Esters of bibasic acids with ether-phenolic groups. Bul  
St si Tehn Tim 8 no.1:51-61 Ja-Je '63.

IONESCU, I. • LEPSI, S.; SCALETCHI, L.; NICA, Const.; STOICA, F.; BOBOESCU,  
Virginia

Studies and research on the elements of rough oil filtration in  
the D-36 M engine. Bul St si Tehn Tim 9 no.1:111-119 Ja-Je '64.

1. BOECK, B. D.
2. USSR (600)
4. Tobacco - Crimea
7. Tobacco growing in Crimea, Vest. Len. un., 7, No. 7, 1952.

9. Monthly List of Russian Accessions, Library of Congress, May 1953. Unclassified.

BOBOK, B.D.

Eleventh scientific meeting of the Leningrad University (Section of  
Geographical Sciences). Vest.Len.un,10 no.10:124-128 0 '55. (MLRA 9:1)  
(Geography)

ABRAMOVA, T.G.; BOBOK, B.D.; DVORNIKOVA, L.L.; ROMANOVA, V.P.; FILENKO,  
R.A.

Natural conditions and some problems of the development of  
agriculture in the central part of the Karelian Isthmus.  
Vest.LGU 17 no.6:109-120 '62. (MIRA 15:4)  
(Karelian Isthmus—Agriculture)

BOBOK, B.D.

Characteristics of agricultural development in various of the  
northwestern R.S.F.S.R. Uch.zap.LGU no.315:29-55 '62.

(MIRA 16:2)

(Russia, Northwestern--Agriculture)

BOBOK, LASZLO

"Erdogazdasagi uzemszevezes. Budapest, Mezogazdasagi Kiado, 1952. 78 p.  
(Mezogazdasagi szakonyvtar, 6. sz., Erdeszeti sorozat) (Business organizationi  
in forestry).

SO: East European Accessions List, Vol 3, No 8, Aug 1954.

BOBOK, Laszlo; ERDELYI, Gyorgy

Some problems relating to the introduction of the continuous  
operation in sawmills processing broad-leaved log materials.  
Pt. 2. Faipar 12 no.1:22-26 Ja '62.

V. Medvedeva, N. B.; Ermakov, N. V.; Kmit, G. I. and Bobok, T. E. Vlieniie letnikh  
 klimaticheskikh uslovii juga Ukrainy na organizm kolkhoznikov v period raboty. [Effect of  
 summer climate conditions of the southern Ukraine upon members of collective farms during  
 work.] *Gigiena i Sanitariia*, Moscow, 21(4):13-22, April 1956. 2 has. tabs. 11 figs. 11 LC  
 The effect of the hot dry steppe climate prevailing in the southern Ukraine upon a  
 farmers was studied experimentally by examining the variations of the following physiological  
 characteristics: body and skin temperatures, sweat production on the forehead, on the chest and  
 on the back, pulse rate and blood pressure. The observations on the effect of the climate on  
 skin temperature and weather type, blood pressure, air temperature and humidity, relative  
 humidity, wind speed and direction, and body temperature during different types of weather are  
 graphs and in a table. Subject Headings: 1. Physiological climatology 2. Heat effects on man  
 3. Body temperature 4. Skin temperatures 5. Ukraine TLD

*Ukr. Sci. Res. Inst. Communal Hygiene*

NAYSHTSEYN, S.Ya., kand.med.nauk; PETROV, Yu.L., kand.med.nauk;  
KOROVITSKIY, A.A., nauchnyy sotrudnik; BOBOK, T.Ye., nauchnyy  
sotrudnik (Kiyev)

Sanitary protection of reservoirs from pollution by waste waters  
of tanneries. Vrach.delo no.6:623-627 Je '60. (MIRA 13:7)

1. Ukrainskiy nauchno-issledovatel'skiy institut kommunal'noy  
gigiyeny.

(INDUSTRIAL WASTES) (WATER--POLLUTION)

DAVYDOV, S.A., kand.meditsinskikh nauk; PETROV, Yu.L., kand.med.nauk;  
BOBOK, T.Ye., nauchnyy sotrudnik

Some functional changes in the nasal mucosa under the influence of  
cement dust. Zhur. ush., nos. i gorl. bol. 20 no.4:39-43 J1-Ag  
'60. (MIRA 14:6)

1. Iz Ukrainkogo nauchno-issledovatel'skogo instituta kommunal'noy  
gigiyeny.

(NOSE--DISEASES)

(CEMENT--PHYSIOLOGICAL EFFECT)

BIRKENGOF, A.L., dots.; DARINSKIY, A.V., dots.; KOPYAKOV, S.G., dots.;  
NEVEL'SHTEYN, G.S., dots.; SOKOLOV, N.N., prof.; PETROV, V.V., prof.;  
MARCHEVKO, A.I., dots.; KAMINSKIY, S.F., dots.; MINEYEV, V.V., dots.;  
BOBOK, Y.D., dots.; GOLOVANOV, S.S., red.; VISHNYA, L.P., red.;  
ONOSHKO, N.G., tekhn. red.

[Leningrad Province; nature and economy] Leningradskaya oblast';  
priroda i khoziaistvo. [Leningrad] Lenizdat, 1958. 343 p.  
(MIRA 11:12)

1. Predsedatel' Leningradskoy oblastnoy planovoy komissii (for  
Golovanov).

(Leningrad Province--Economic conditions)

~~26602-66~~ EWT(m)/ETC(f)/EWG(m) RN/DS  
ACC NR: AP6008978

SOURCE CODE: UR/0190/65/007/011/1941/1945

AUTHORS: Tolmachev, V. N.; Kolesnikova, B. M.; Bobok, Ye. B.

ORG: Khar'kov State University im. A. M. Gor'kiy (Khar'kovskiy gosudarstvennyy universitet) 46 B

TITLE: The acid and other physico-chemical properties of polystyreneazosalicylic acid, polystyreneazocresol, and polystyreneazophenol

SOURCE: Vysokomolekulyarnyye soyedineniya, v. 7, no. 11, 1965, 1941-1945

TOPIC TAGS: polymer, ion exchange, ion exchange resin, polystyrene, organic synthetic process, chemical absorption, nonmetallic organic derivative

ABSTRACT: The work of V. G. Sinyavskiy, A. I. Turbina, and M. Ya. Romankevich (Dopovidi AN URSR, 1963, 613) was extended by synthesizing the ion exchange resins: polystyreneazosalicylic acid (PSASK), polystyreneazocresol (PSAK), and polystyreneazophenol (PSAF). The synthesis was carried out after the method of B. N. Laskorin, P. G. Ioanisiani, N. L. Alekseyeva, G. N. Nikul'skaya, and K. F. Pereylygina (Zh. prikl. khimii, 34, 881, 1961). The potentiometric titration curves, ion absorption capacity as a function of the pH of the medium, and pK values for the synthesized compounds were determined. The experimental results are presented in graphs and tables (see Fig. 1). It is concluded that the synthesized resins are good absorbers of copper ions from ammonia solution.

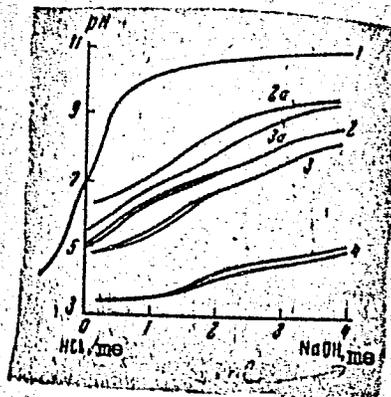
Card 1/2

UDC: 678.01:54+678.746

L 26603-66

ACC NR: AP6008978

Fig. 1. Potentiometric titration curves:  
1 - blank solution, 2 - PSAF, 0.2 g;  
2a - PSAF, 0.1 g; 3 - PSAK, 0.2 g;  
3a - PSAK, 0.1 g; 4 - PSASK, 0.2 g.



Orig. art. has: 2 tables and 1 graph.

SUB CODE: 11,07/SUBM DATE: 21Dec64/ ORIG REF: 011/ OTH REF: 005

Card 2/2 Bkg

BOBOKALONOV, N.

The path of steady growth. Prof.-tekh. obr. 21 no.9:14 S :64.

(MIRA 17:11)  
1. Predsedatel' Gosudarstvennogo komiteta Soveta Ministrov Tadzhik-  
skoy SSR po professional'no-tehnicheskomu obrazovaniyu.

BOBOKHIDZE, A.N.

Local and combined therapy in lupus erythematosus. Vest. dermat.  
i ven. 33 no.2:82 Mr-Apr '59. (MIRA 12:7)

1. Iz kafedry kozhnykh i venericheskikh bolezney Omskogo Gosudar-  
stvennogo meditsinskogo instituta.  
(LUPUS)

BOBOKHIDZE, A. S.  
BOBOKHIDZE, A. S. inzh.

Increasing the reliability of KhEMZ electric speed limiters. Ugol'  
32 no.10:46 0 '57. (MIRA 10:11)  
(Mine hoisting—Safety appliances) (Electric controllers)

BOBOKHIDZE, A.S.

Automatic landing device and safety gates in cage hoisting.  
Ugol' 33 no.9:32-33 S '58. (MIRA 12:1)

1. Trest Tkibulugel'.

(Mine hoisting--Safety appliances)  
(Automatic control)

BOBOKHIDZE, A.S.

Testing the performance of the USE-1 apparatus for the remote control of switches. Ugol' 35 no. 4:11-12 Ap '60. (MIRA 14:4)

1. Trest Tkibulugol'.  
(Mine railroads) (Remote control)

BOBOKHIDZE, I. N., Cand Tech Sci -- (diss) "<sup>Study</sup> ~~Investigation~~ of  
<sup>Engineering</sup> Power ~~Problems~~ in <sup>the</sup> Processes of <sup>of</sup> Managing Tea Plantations."  
Tbilisi, 1957. 24 pp. (Min Agr USSR, Geor <sup>diss</sup> Order of Labor Red  
Banner Agr Inst), 100 copies. (KL, 7-58, 110)

BOBOKHIDZE, I.N., aspirant

Studying the problems of mechanized processes in tea cultivation  
Biol.VNIICHISK no.2:67-93 '57. (MIRA 15:5)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut chaya i  
subtropicheskikh kul'tur Gruzinskoy SSR.  
(Georgia--Tea machinery)

L 19313-66 EWP(j)/EWT(m)/T RM

ACC NR: AP6004320

(A)

SOURCE CODE: UR/0303/65/000/005/0059/0060

AUTHOR: Bobokhidze, K. Ye.

ORG: none

6.4.4.53

36  
B

TITLE: The use of paints and varnishes to protect vertical fencing structures in humid subtropical conditions 15

SOURCE: Lakokrasochnyye materialy i ikh primeneniye, no. 5, 1965, 59-60

TOPIC TAGS: protective coating, resin, epoxy plastic

ABSTRACT: The protective properties of epoxy coatings on steel and certain structural materials (concrete, brick, and cement slabs) were investigated. The study was made during 1961-65 at the Batumi Scientific Research Station for the Study of Metal Corrosion, Institute of Metallurgy, Academy of Sciences Gruzinskaya SSR and at the Central Laboratory of Structural Materials, Ministry of Municipal Economy Adzhara Autonomous SSR. The protective coatings tested were ED-5 epoxy resin with curing agent GMD, and EP-140 enamel with PO-200 polyamide resin as the curing agent. 15  
In addition, EP-140 enamel was tested in 1964 at the Batumi Climatological Station

Card 1/2

UDC: 667.613:620.193.2

2

L 19313-66

ACC NR: AP6004320

GIPI-4 as a protective coating (40-50 $\mu$  thick) on outer and inner surfaces of vertical fencing structures. ED-5 epoxy resin was found to have a good adhesion and a high resistance to atmospheric attack under conditions of high humidity; it can be applied on humid surfaces without special pretreatment. This resin is not absorbed by the porous surface of such structural materials as brick or concrete and it proved impermeable to water. Tests showed that protective coatings based on the epoxy resin retained their impermeability for two years without showing any mechanical defects. Cement slabs coated with EP-140 enamel (white, yellow, or brown) proved to be impermeable to moisture immediately after application of the coating. This enamel is recommended for use in covered areas not exposed to sunlight since sunlight has a damaging effect on it. Orig. art. has: 1 table.

SUB CODE: 07,11/

SUBM DATE: 00/

ORIG REF: 000/

OTH REF: 000

Card 2/2

nst

BOBOKHIDZE, O.; ARTAMONOV, L.; ORLOV, A.; ZDYBSKIY, I.; KOVALEV, I.;  
ZUBARSKIY, N.; FRIDMAN, M.

Letters to the editor. Sov.profsoiuzy 7 no.23:54-56  
D '59. (MIRA 12:12)

1. Instruktor sovprofa Gruzii (for Bobokidze). 2. Sotrudnik  
gazety "Trudovoy front" (for Artamonov). 3. Zamestitel'  
predsedatelya fabrichno-zavodskogo komiteta Ivanovskogo  
melanzhevogo kombinata (for Orlov). 4. Zamestitel' predsedatelya  
mestnogo komiteta bazy Tyrny-Auzskogo kombinata Kabardino-  
Balkarskoy ASSR (for Zdybskiy).  
(Trade unions) (Efficiency, Industrial)

BOBKHIDZE, Sh. S. (Grad Stud)

Dissertation: "A Layer-Grating Water Intake." Cand Techn Sci, Georgian Sci Res Institute of Hydraulic Engineering and Soil Improvement, 6 Jul 54. (Sarya Vostoka, Tbilisi, 17 Jun 54)

SO: SOU 318, 23 Dec 1954

SOV/124-57-3-3064

Translation from: Referativnyy zhurnal. Mekhanika, 1957, Nr 3, p 59 (USSR)

AUTHOR: Bobokhidze, Sh. S.

TITLE: Laboratory Investigations of Layered-grate Water-intake Systems  
(Laboratornyye issledovaniya posloyno — reshetchatogo vodozabora)

PERIODICAL: Tr. Gruz. n- i. in-ta gidrotekhn. melior. 1955, Nr 3 (16), pp  
207-215

ABSTRACT: The "layered-grate water intake" is a term used by the author to describe a water-impounding dam fitted at the bottom with a grate divided by piers which are flooded at high water. Additional orifices, located on the top surfaces of the piers, are fitted with coarse grates and are connected to the water-intake supply pipe line. Under normal conditions the water is collected through the bottom grates. At high water, water is collected through both the bottom grates and the orifices in the piers. The design of the dam is based upon the principle of the flow around an obstacle (the pier) and the by-passing of that obstacle by the bed load. A description is given of the layout and the principle of operation. Considerations are presented concerning the functioning of the water-intake

Card 1/2

Laboratory Investigations of Layered-grate Water-intake Systems SOV/124-57-3-3064

system and some results of laboratory investigations are pointed out very concisely. Figs. 1 and 2 of the text should be interchanged. For a similar paper by N. F. Daneliya and the author concerning this water-intake system see "Gidro-tekhn. str-vo," 1956, Vol 2, Nrs 43-47.

V. V. Fandeyev

Card 2/2

DANALIYA, N.F., kandidat tekhnicheskikh nauk; BCSOKHIDZE, Sh.S., kandidat  
tekhnicheskikh nauk.

Water-intake works with grills on upper and lower levels. Gidr.  
stroi. 25 no.2:43-47 '56. (MLRA 9:8)  
(Hydraulic engineering) (Dane)

BOBOKHIDZE, Sh.S.

Effect of floods on the permeability of a bottom intake rack.  
Trudy GruzNIIGiM no.20:217-219 '58. (MIRA 15:5)  
(Hydraulic structures)

BOBOKHIDZE, Sh.Z.

The "Rioni" miniatrue tractor. Biul.tekh.-ekon.inform. no.10:47-48  
'60. (MIRA 13:10)

(Tractors)

BOBOKHDZHAYEV, I. Ya.

USSR) Pharmacology, Toxicology, Analeptics

U-3

Abs Jour : Referat Zh.-Biol., No 1, 1958, No 3399

Author : Bobokhdzhayev, I. Ya.

Inst : Not given

Title : On the Pharmacology of Securinin Alkaloid

Orig Pub : Farmakol. i toksilologiya, 1956(1957), Prilozh, Sb. Ref.,  
3-5

Abstract : Securinin, when administered in doses of 25-150 mg/kg to frogs, produced excitement and convulsions. By severing the nerves and causing interference with the blood supply to certain areas of the body, the investigators demonstrated the central origin of the convulsions. The reflex character of the convulsions was demonstrated by the exclusion of receptors. The effect of securinin on the opinal cord was

Card : 1/2

BOBKHODZHAYEV, I.Ya. Cand Med Sci--(diss) " On the pharmacology of  
the alkaloid securinin~~2~~, (Experimental study)." Mos, 1958. 16 pp  
(Second Mos State Med Inst in N.I. Pirogov), 200 copies (RL,25-58,118)

-161-

**BOBOKHODZHAYEV, I.Ya.**

**Change in the functional state of the liver in septic endocarditis  
lenta. Sov.med.22 no.2:32-37 F '58.                      (MIRA 11:4)**

**1. Iz kafedry obshchey i gospital'noy terapii (zav. - deystvitel'nyy  
chlen Akademii meditsinskikh nauk SSSR prof. Ye.M.Tareyev) sanitarno-  
gigiyenicheskogo fakul'teta I Moskovskogo ordena Lenina meditsinskogo  
instituta imeni I.M.Sechenova.**

**(ENDOCARDITIS, BACTERIAL, pathol.**

**liver (Rus))**

**(LIVER, pathol.**

**in chronic septic endocarditis (Rus))**

BOBOKHODZHAYEV, I. Ya.: Master Med Sci (diss) -- "The practical evaluation of certain functional tests of the liver". Moscow, 1959. 19 pp (First Moscow Order of Lenin Med Inst im I. M. Sechenov) (KL, No 14, 1959, 123)